

Michael R. Davis
 Matthew M. Jacob
 Warren M. Chask, Jr.
 Nils E. Pedersen
 Charles R. Watts
 Michael S. Huppert
 Jeffrey R. Filipek
 W. Douglas Hahn

David M. Ovedovitz
 Joseph M. Gorski*
 Jonathan R. Bowser*
 Jay F. Williams*
 Amy E. Pulliam*
 Kenneth W. Fields*
 Walter C. Pledger*

OF COUNSEL:
 John T. Miller

*Member of Bar other than D.C., practice
 limited to matters and proceedings before
 Federal courts and agencies.

WENDEROTH, LIND & PONACK, L.L.P.

Attorneys and Counselors at Law
 Patents, Trademarks and Copyrights
 2033 K Street, N.W., Suite 800
 Washington, D. C. 20006-1021 U.S.A.

RECEIVED
 CENTRAL FAX CENTER

APR 11 2007

E. F. Wenderoth (1888-1974)
 John E. Lind (1892-1983)
 A. Ponack (1900-1969)

TELEPHONE:
 202-721-8200

FACSIMILE:
 202-721-8250 (G-III)
 202-833-3015 (G-IV)

E-MAIL:
 WLP@wenderoth.com

INTERNET:
 www.wenderoth.com

FAX TRANSMISSION COVER SHEET

To: David J. Steadman (tel. - 571-272-0942)

Fax Number: 571-273-8300 (Official Fax)

From: Jay F. Williams
 202-721-8219 (tel.)

Date: April 11, 2007

Re: Inventor: Martin Hermann Klemens BRUNE et al.
 Application Serial No.: 10/779,718
 Attorney Docket No.: 2004_0248
 Confirmation No.: 1718

TOTAL NUMBER OF PAGES TRANSMITTED, INCLUDING COVER SHEET 4

Message:

Transmitted herewith are the following documents:

1. Supplemental Amendment (3 pages)

CONFIDENTIALITY

The documents transmitted herewith contain confidential and/or privileged information intended only for the use of the person or entity to whom addressed. If you are not the intended recipient, or an agent of the recipient responsible for delivering it to the intended recipient, then you have received this transmission in error and are asked to promptly advise us by telephone or fax, and return the document to us by mail. Unauthorized copying, distribution, disclosure or other use of this information by anyone other than the intended recipient or their designee is prohibited.

IF THERE ARE ANY PROBLEMS WITH THIS TRANSMISSION
 OR IF YOU HAVE NOT RECEIVED ALL OF THE PAGES
 PLEASE CALL (202) 721-8200.

Fax Operator: JFW

APR. 11. 2007 4:58PM

WL&P

NO. 0758 P. 2

RECEIVED
CENTRAL FAX CENTER

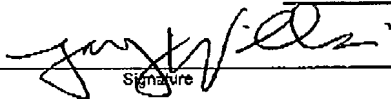
APR 11 2007

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Jay F. Williams

name of person signing certification


Signature

April 11, 2007

Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : Confirmation No. 1718
Martin Hermann Klemens BRUNE et al. : Attorney Docket No. 2004_0248
Serial No. 10/779,718 : Group Art Unit 1656
Filed February 18, 2004 : Examiner David J. Steadman
ASSAYS FOR NUCLEOSIDE : Mail Stop: AMENDMENT
DIPHOSPHATES AND TRIPHOSPHATES

SUPPLEMENTAL RESPONSE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Further to the reply filed January 16, 2007 and in reply to telephone interviews with the Examiner on March 27 and 29, 2007, Applicants herein provide the following amendments and remarks.

*The Commissioner is authorized to charge any
deficiency or to credit any overpayment associated
with this communication to Deposit Account No. 23-0975.*